**Ecosystem Video Guide**

1. What is an ecosystem?
2. What is the difference between biotic and abiotic components of an ecosystem?
3. How is a community different than a niche?
4. Give two examples of autotrophs?
5. What are three types of herterotrophs?
6. How is food chain different than a food web?
7. How much energy is passed from the first level of the energy pyramid to the second? Why?
8. What are two natural resources that are continually recycled in ecosystems?
9. What are two minerals that have become harmful in recent years?
10. How is the number of prey and predators related?
11. Describe three types of relationships organisms can have.
12. Describe one type of dramatic change that can occur in ecosystems. What is this called?
13. How have humans affected biodiversity?